

BIRCH, STEWART, KOLASCH & BIRCH, LLP

P.O. Box 747 • Falls Church, Virginia 22040-0747
Telephone: (703) 205-8000 • Facsimile: (703) 205-8050

ATTORNEY DOCKET NO.
0171-1062P

PLEASE NOTE:
YOU MUST
COMPLETE THE
FOLLOWING:

COMBINED DECLARATION AND POWER OF ATTORNEY FOR PATENT AND DESIGN APPLICATIONS

As a below named inventor, I hereby declare that: my residence, post office address and citizenship are as stated next to my name; that I verily believe that I am the original, first and sole inventor (if only one inventor is named below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Insert Title:

→ Polymers, Resist Compositions and Patterning Process

the specification of which is attached hereto. If not attached hereto,

Fill in Appropriate
Information -
For Use
Without
Specification
Attached:

→ the specification was filed on _____ as
United States Application Number _____;
and amended on _____ (if applicable); and/or
the specification was filed on _____ as PCT
International Application Number _____; and was
amended on _____ (if applicable)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I do not know and do not believe the same was ever known or used in the United States of America before my or our invention thereof, or patented or described in any printed publication in any country before my or our invention thereof or more than one year prior to this application, that the same was not in public use or on sale in the United States of America more than one year prior to this application, that the invention has not been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by me or my legal representatives or assigns more than twelve months (six months for designs) prior to this application, and that no application for patent or inventor's certificate on this invention has been filed in any country foreign to the United States of America prior to this application by me or my legal representatives or assigns, except as follows.

I hereby claim foreign priority benefits under Title 35, United States Code, §119 (a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Insert Priority
Information:
(if appropriate)

Prior Foreign Application(s)

2003-032675	Japan	02/10/2003	Priority	Claimed
(Number)	(Country)	(Month / Day / Year Filed)	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
(Number)	(Country)	(Month / Day / Year Filed)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
(Number)	(Country)	(Month / Day / Year Filed)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
(Number)	(Country)	(Month / Day / Year Filed)	<input type="checkbox"/> Yes	<input type="checkbox"/> No

Insert Provisional
Application(s):
(if any)

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below.

(Application Number)	(Filing Date)
(Application Number)	(Filing Date)

Insert Requested
Information:
(if appropriate)

All Foreign Applications, if any, for any Patent or Inventor's Certificate Filed more than 12 months (6 months for designs) Prior to the Filing Date of this Application:

Country	Application Number	Date of Filing (Month / Day / Year)

Insert Prior U.S.
Application(s):
(if any)

I hereby claim the benefit under Title 35, United States Code, §120 of any United States and/or PCT application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States and/or PCT application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Number)	(Filing Date)	(Status - patented, pending, abandoned)
(Application Number)	(Filing Date)	(Status - patented, pending, abandoned)

I hereby appoint the practitioners at **CUSTOMER NO. 2292** as my attorneys or agents to prosecute this application and/or an international application based on this application and to transact all business in the Patent and Trademark Office connected therewith and in connection with the resulting patent based on instructions received from the entity who first sent the application papers to the practitioners, unless the inventor(s) or assignee provides said practitioners with a written notice to the contrary:

Send Correspondence to:

BIRCH, STEWART, KOLASCH & BIRCH, LLP or CUSTOMER NO. 2292
P.O. Box 747 • Falls Church, Virginia 22040-0747
Telephone: (703) 205-8000 • Facsimile: (703) 205-8050

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

PLEASE NOTE:
YOU MUST
COMPLETE THE
FOLLOWING:

Full Name of First or
Sole Inventor:
Insert Name of Inventor
Insert Date This
Document is Signed

Insert Residence
Insert Citizenship

Insert Mailing
Address

Full Name of Second
Inventor, if any:

see above

Full Name of Third
Inventor, if any

see above

Full Name of Fourth
Inventor, if any

see above

Full Name of Fifth
Inventor, if any

see above

	GIVEN NAME	FAMILY NAME	INVENTOR'S SIGNATURE	DATE*
→	Yuji	HARADA	Yuji Horada	January 29, 2004
	Residence (City, State & Country)		CITIZENSHIP	
→	Nakakubiki-gun, Niigata-ken, Japan		Japanese	
	MAILING ADDRESS (Complete Street Address including City, State & Country) c/o New Functional Materials Research Center, Shin-Etsu Chemical Co.,Ltd., 28-1, Oaza Nishifukushima, Kubiki-mura, Nakakubiki-gun, Niigata-ken, Japan			
→	GIVEN NAME	FAMILY NAME	INVENTOR'S SIGNATURE	DATE*
see above	Jun	HATAKEYAMA	Jun Hatakeyama	January 29, 2004
	Residence (City, State & Country)		CITIZENSHIP	
see above	Nakakubiki-gun, Niigata-ken, Japan		Japanese	
	MAILING ADDRESS (Complete Street Address including City, State & Country) c/o New Functional Materials Research Center, Shin-Etsu Chemical Co.,Ltd., 28-1, Oaza Nishifukushima, Kubiki-mura, Nakakubiki-gun, Niigata-ken, Japan			
→	GIVEN NAME	FAMILY NAME	INVENTOR'S SIGNATURE	DATE*
see above	Yoshio	KAWAI	Yoshio Kawai	January 29, 2004
	Residence (City, State & Country)		CITIZENSHIP	
see above	Nakakubiki-gun, Niigata-ken, Japan		Japanese	
	MAILING ADDRESS (Complete Street Address including City, State & Country) c/o New Functional Materials Research Center, Shin-Etsu Chemical Co.,Ltd., 28-1, Oaza Nishifukushima, Kubiki-mura, Nakakubiki-gun, Niigata-ken, Japan			
→	GIVEN NAME	FAMILY NAME	INVENTOR'S SIGNATURE	DATE*
see above	Masaru	SASAGO	Masaru Sasago	January 29, 2004
	Residence (City, State & Country)		CITIZENSHIP	
see above	Hirakata-shi, Osaka, Japan		Japanese	
	MAILING ADDRESS (Complete Street Address including City, State & Country) 1-19-22, Doyama, Hirakata-shi, Osaka, Japan			
→	GIVEN NAME	FAMILY NAME	INVENTOR'S SIGNATURE	DATE*
see above	Masayuki	ENDO	Masayuki Endo	January 29, 2004
	Residence (City, State & Country)		CITIZENSHIP	
see above	Kishiwada-shi, Osaka, Japan		Japanese	
	MAILING ADDRESS (Complete Street Address including City, State & Country) 2088-2-305, Habu-cho, Kishiwada-shi, Osaka, Japan			

* DATE OF SIGNATURE

I hereby appoint the practitioners at CUSTOMER NO. 2292 as my attorneys or agents to prosecute this application and/or an international application based on this application and to transact all business in the Patent and Trademark Office connected therewith and in connection with the resulting patent based on instructions received from the entity who first sent the application papers to the practitioners, unless the inventor(s) or assignee provides said practitioners with a written notice to the contrary:

Send Correspondence to:

BIRCH, STEWART, KOLASCH & BIRCH, LLP or CUSTOMER NO. 2292
P.O. Box 747 • Falls Church, Virginia 22040-0747
Telephone: (703) 205-8000 • Facsimile: (703) 205-8050

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

PLEASE NOTE:
YOU MUST
COMPLETE THE
FOLLOWING:

Full Name of First
Sole Inventor:
Insert Name of Inventor
Insert Date This
Document is Signed

Insert Residence
Insert Citizenship

Insert Mailing
Address

Full Name of Second
Inventor, if any:

see above

Full Name of Third
Inventor, if any

see above

Full Name of Fourth
Inventor, if any

see above

Full Name of Fifth
Inventor, if any

see above

GIVEN NAME Shinji	FAMILY NAME KISHIMURA	INVENTOR'S SIGNATURE <i>Shinji Kishimura</i>	DATE January 29, 2004
Residence (City, State & Country) Itami-shi, Hyogo-ken, Japan		CITIZENSHIP Japanese	
MAILING ADDRESS (Complete Street Address including City, State & Country) 3-24-701, Chuo 5-chome, Itami-shi, Hyogo-ken, Japan			
GIVEN NAME Kazuhiko	FAMILY NAME MAEDA	INVENTOR'S SIGNATURE <i>Kazuhiko Maeda</i>	DATE January 29, 2004
Residence (City, State & Country) Chiyoda-ku, Tokyo, Japan		CITIZENSHIP Japanese	
MAILING ADDRESS (Complete Street Address including City, State & Country) c/o Central Glass Co., Ltd., 7-1, Kanda-Nishikicho 3-chome, Chiyoda-ku, Tokyo, Japan			
GIVEN NAME Haruhiko	FAMILY NAME KOMORIYA	INVENTOR'S SIGNATURE <i>Haruhiko Komoriya</i>	DATE January 29, 2004
Residence (City, State & Country) Kawagoe-shi, Saitama-ken, Japan		CITIZENSHIP Japanese	
MAILING ADDRESS (Complete Street Address including City, State & Country) c/o Chemical Research Center, Central Glass Co., Ltd., 2805 Imafuku-Nakadai, Kawagoe-shi, Saitama-ken, Japan			
GIVEN NAME Satoru	FAMILY NAME MIYAZAWA	INVENTOR'S SIGNATURE <i>Satoru Miyazawa</i>	DATE January 29, 2004
Residence (City, State & Country) Kawagoe-shi, Saitama-ken, Japan		CITIZENSHIP Japanese	
MAILING ADDRESS (Complete Street Address including City, State & Country) c/o Chemical Research Center, Central Glass Co., Ltd., 2805 Imafuku-Nakadai, Kawagoe-shi, Saitama-ken, Japan			
GIVEN NAME	FAMILY NAME	INVENTOR'S SIGNATURE	DATE
Residence (City, State & Country)		CITIZENSHIP	
MAILING ADDRESS (Complete Street Address including City, State & Country)			

* DATE OF SIGNATURE